EAST Search History

EAST Search History (Prior Art)

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S26	4265	S25 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/31 10:38

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S45	1	S42 and (S43 S44)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 11:00
S46	112	S43 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 11:01
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S54	5345	(257/E23.169-E23.178).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/03 11:22
S55	4649	(257/621,774).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/03 11:22
S56	9404	((438/629,630,637-640,668,672,675,) or (257/E21.597)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/08/03 11:22
S57	18144	S54 S55 S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 11:22
S59	116	S53 and S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/03 11:23
S60	17	("5024966" | "5998292" | "6359382" | "6664485" | "6809025" | "6858891").PN. OR ("7265052").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/03 11:24
S61	57	("20020148807" | "20050006768" | "20050199973" | "4445978" | "4806111" | "5063177" | "5166097" | "5229647" | "5236551" | "5269880" | "5420520" | "5426072" | "5438212" | "5483741" | "5495667" | "5528080" | "5541525" | "5559444" | "5592736" | "5607818" | "5686317" | "5796264" | "5841196" | "6013948" | "6018196" | "6022797" | "6054377" | "6080664" | "6114240" | "6214716" | "6221769" | "6355181" |	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/03 11:35

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S62	76	("20010055891" | "20020053465" | "20030038344" | "20030047809" | "4052787" | "4211603" | "4851615" | "5410172" | "5421083" | "5529950" | "5891606" | "5956575" | "6091137" | "6184579" | "6225651" | "6259160" | "6262486" | "6268238" | "6284108" | "6400010").PN. OR ("6774486"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/03 13:41
S63	76	("20010055891" | "20020053465" | "20030038344" | "20030047809" | "4052787" | "4211603" | "4851615" | "5410172" | "5421083" | "5529950" | "5891606" | "5956575" | "6091137" | "6184579" | "6225651" | "6259160" | "6262486" | "6268238" | "6284108" | "6400010").PN. OR ("6774486"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/03 13:41
S64	1	(10/594040).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/17 09:36
S65	663	(257/735).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 09:38
S66	218200	((through or thru) with (silicon or substrate or wafer or board) with (via or hole or opening or inter$connect$4 or wiring))	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 09:38
S67	139	S65 and S66	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 09:39
S68	87	("5239198" | "5455456" | "5468784" | "5468999" | "5652463").PN. OR ("5808873"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 09:40

S69	9	("20020070429" | "20030011070" | "20030116857" | "6221769" | "6225651" | "6294837" | "6603190").PN. OR ("7067353").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 09:43
S70	96	(S68 S69) not (S67)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 09:44
S71	57	("4610077" | "4964212" | "5166097" | "5306670" | "5425816" | "5529950" | "5998292").PN. OR ("6221769").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 09:45
S72	30	("5343071" | "5350948" | "5426072" | "5436174" | "5574295" | "5880491" | "5920122" | "6002177").PN. OR ("6225651").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 09:46
S73	20	("5316787" | "5397917" | "5509200" | "5581122" | "5640047" | "5808873" | "H001471").PN. OR ("6400010").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 09:47
S74	39	("4348253" | "4377316" | "4696885" | "5108562" | "5438216" | "5786589" | "5808873" | "5841190" | "5888884" | "6114768" | "6171883" | "6225651" | "6251696" | "6323546" | "6383835" | "6383837" | "6392158" | "6404061").PN. OR ("6703689").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 09:59
S75	139	S71 S72 S73 S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 10:02
S76	130	S75 not (S68 S69 S67)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 10:03
S77	35	("3928093" | "3937579" | "4189820" | "4261781" | "4782028" | "5142756" | "5166097" | "5240882" | "5250460" | "5362683" | "5530552" | "5608237" | "5739067" | "6010951" | "6110825" | "6187677" | "6221769").PN. OR ("6479382").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:11

S78	25	("20020019069" | "20020030245" | "6239495" | "6703689" | "6720661" | "6864172" | "7022609").PN. OR ("7180149").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:13
S79	12	("3462650" | "3648131" | "5424245" | "6225651" | "6667551" | "6682948" | "6703689" | "6720661" | "6790775" | "6873054" | "6902872").PN. OR ("7432582").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:13
S80	14	("20020023765" | "20020038663" | "5502335" | "6066889" | "6069407" | "6145731" | "6225694" | "6225696" | "6372540" | "6376908" | "6400010" | "6404061" | "6404067" | "6410979").PN. OR ("7535093").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:14
S81	10	("5024966" | "5998292" | "6221769" | "6359328" | "6359382" | "6664485" | "6809025" | "6858891" | "6936536" | "7265052").PN. OR ("7750477").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:15
S82	71	(S77 S78 S79 S80 S81) not (S75 S68 S69 S67)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 10:17
S83	51	("20050082654" | "20050205951" | "20060017177" | "20060163679" | "20070045780" | "20070246819" | "20080038868" | "4530074" | "5434451" | "5503285" | "5840199" | "5851911" | "5950070" | "6294837" | "6380555" | "6400172" | "6437254" | "6465877" | "6501165" | "6569762" | "6582992" | "6611052" | "6620633" | "6620731" | "6638792" | "6740960" | "6803303" | "6828175" | "6833613" | "6841883" | "6897089" | "6903442" | "6906418" | "6908784" | "6911355" | "6917090" | "6954000" | "6964915" | "6975037" | "6998717" | "7029949" | "7042080" | "7060526" | "7078266" |	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:17

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S84	77	("20020115290" | "20030168342" | "20040173454" | "20040178495" | "2820752" | "3577324" | "4179800" | "4211603" | "4312897" | "4325780" | "4487654" | "4525246" | "4605471" | "4692349" | "4720324" | "4808273" | "4830264" | "4954313" | "4978639" | "5160579" | "5168624" | "5218761" | "5224265" | "5228966" | "5245751" | "5262718" | "5285352" | "5309632" | "5374788" | "5421083" | "5424245" | "5536908" | "5674787" | "5682062" | "5689091" | "5853559" | "5876580" | "5897368" | "6027995" | "6032527" | "6114768" | "6169024" | "6197664" | "6228754" | "6235624" | "6242935" | "6255126" | "6277412" | "6277669" | "6291332" | "6384481" | "6406939" | "6418616" | "6444576" | "6448644" | "6468889" | "6479382" | "6497800" | "6498381" | "6529022" | "6562709" | "6565729" | "6565730" | "6607938" | "6620731" | "6670269" | "6711812" | "6743499" | "6768205" | "6852627" | "6863794" | "6908845" | "6963483" | "7007378" | "7108776").PN. OR ("7666788").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:18
S85	81	("20040173454" | "20040178495" | "2820752" | "3577324" | "4179800" | "4211603" | "4312897" | "4325780" | "4487654" | "4525246" | "4605471" | "4692349" | "4720324" | "4808273" | "4830264" | "4954313" | "4978639" | "5160579" | "5168624" | "5218761" | "5224265" | "5228966" | "5245751" | "5262718" | "5285352" | "5309632" | "5374788" |	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:18

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		"5897368" | "6027995" |				
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		"6197664" | "6228684" |				
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		"6230400" | "6235624" |				
		"6242935" | "6252300" |				
		"6255126" | "6277412" |				
		"6277669" | "6291332" |				
		"6384481" | "6406939" |				
		"6418616" | "6444576" |				
		"6448644" | "6468889" |				
		"6479382" | "6497800" |				
		"6498381" | "6529022" |				
		"6562709" | "6565729" |				
		"6565730" | "6607938" |				
		"6620731" | "6634100" |				
		"6670269" | "6711812" |				
		"6743499" | "6768205" |				
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		"7007378" | "7108776").PN. OR				
		("7603772").URPN.				
S86	25	("20010023779" | "20020084513" | "6693358"). PN. OR ("6873054").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:20
S87	29	("20020089572" | "20020151171" | "20030081073" | "20040043607" | "5373627" | "5425816" | "6395632").PN. OR ("6790775").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:20
S88	165	(S83 S84 S85 S86 S87) not (S82 S75 S68 S69 S67)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 10:22
S89	14	("20020038908" | "20030058630" | "5493096" | "5646067" | "6245596" | "6429096" | "6566232").PN. OR ("6670269").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:27
S90	19	("3648131" | "3761782" | "5122856" | "6187615").PN. OR ("6693358").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:28
S91	4	("20040212086" | "6620731" | "6852621" | "6873054").PN. OR ("7605080").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 10:49

S92	36	S89 S90 S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 10:53
S93	50	(US-4359277-$ or US-4368503-$ or US-4725925-$ or US-4780957-$ or US-4791238-$ or US-4806706-$ or US-4893174-$ or US-4895425-$ or US-4962287-$ or US-5116440-$ or US-5122626-$ or US-5323534-$ or US-5350960-$ or US-5352325-$ or US-5404637-$ or US-5433000-$ or US-5439732-$ or US-5444189-$ or US-5461202-$ or US-5478972-$ or US-5485039-$ or US-5528464-$ or US-5543663-$ or US-5562973-$ or US-5567167-$ or US-5596227-$).did. or (US-5629497-$ or US-5638598-$ or US-5668701-$ or US-5717556-$ or US-5723826-$ or US-5758931-$ or US-5785096-$ or US-5788467-$ or US-5790651-$ or US-5970310-$ or US-6010769-$ or US-6016013-$ or US-6057600-$ or US-6097089-$ or US-6121554-$ or US-6129584-$ or US-6140766-$ or US-6144212-$ or US-6169325-$ or US-6184479-$ or US-6194781-$ or US-6207259-$ or US-6218610-$ or US-6229095-$).did.	USPAT	OR	ON	2010/09/17 10:57
S94	50	(US-4359277-$ or US-4368503-$ or US-4725925-$ or US-4780957-$ or US-4791238-$ or US-4806706-$ or US-4893174-$ or US-4895425-$ or US-4962287-$ or US-5116440-$ or US-5122626-$ or US-5323534-$ or US-5350960-$ or US-5352325-$ or US-5404637-$ or US-5433000-$ or US-5439732-$ or US-5444189-$ or US-5461202-$ or US-5478972-$ or US-5485039-$ or US-5528464-$ or US-5543663-$ or US-5562973-$ or US-5567167-$ or US-5596227-$).did. or (US-5629497-$ or US-5638598-$ or US-5668701-$ or US-5717556-$ or US-5723826-$ or US-5758931-$ or US-5785096-$ or US-5788467-$ or US-5790651-$ or US-5970310-$ or US-	USPAT	OR	ON	2010/09/17 10:57

		6010769-$ or US-6016013-$ or US-6057600-$ or US-6097089-$ or US-6121554-$ or US-6129584-$ or US-6140766-$ or US-6144212-$ or US-6169325-$ or US-6184479-$ or US-6194781-$ or US-6207259-$ or US-6218610-$ or US-6229095-$).did.				
S95	50	S93 S94	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 10:59
S96	1	(10/594040).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/09/17 12:52
S97	140	wada-hideyuki$.in. suemasu-tatsuo$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 12:55
S98	41224	fujikura$.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 12:56
S99	112	S97 and S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 12:56
S100	1	(11/078356).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 12:57
S101	18	("20030082356" | "20050064707" | "6110825" | "6235624" | "6479382" | "6555461" | "6605528" | "6902872").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 12:58
S102	14	("20020030245" | "20030222350" | "20040040149" | "20040207081" | "20050104228" | "5634268" | "6163462").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 13:01

S103	21	("5477933" | "5499444" | "5598036" | "5620927" | "5652185" | "5663594" | "5874776").PN. OR ("6163462").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 13:02
S104	6	2001-015633	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 13:09
S105	4	"2001015633"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 13:10
S106	8	(("20030222350") or ("5634268") or ("20040040149") or ("6163462")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 13:11
S107	2	(10/375146).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 13:13
S108	4	("5870289" | "6335565").PN. OR ("7045886").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 13:13
S109	2	(10/230653).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 13:15
S110	30	("20030003724" | "20030010976" | "5447264" | "5739050" | "5815000" | "5894218" | "6018249" | "6025728" | "6072323" | "6078186" | "6081429" | "6094058" | "6107122" | "6150717" | "6163956" | "6188232" | "6198172" | "6208156" | "6247629" | "6255833" | "6285204" | "6294839" | "6356098" | "6566898" | "6586955").PN. OR ("6773938").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 13:15
S111	1529	(257/E21.597).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 13:33
S112	319	S111 and (seed adj layer) and (bump electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 13:33

S113	141	S112 and (@pd<="20041005" @ad<="20041005" @rlad<="20041005")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 13:34
S114	61	("20020017710" | "20020084513" | "5071792" | "5138434" | "5229647" | "5266912" | "5485039" | "5686317" | "5851911" | "5888883" | "5893725" | "5897337" | "5904546" | "6013948" | "6060373" | "6080602" | "6087845" | "6107109" | "6107164" | "6114240" | "6130111" | "6136137" | "6150717" | "6153448" | "6169329" | "6177295" | "6180504" | "6221751" | "6233185" | "6281131" | "6294837" | "6313531" | "6326698" | "6338980" | "6350664" | "6353267" | "6379999" | "6432752" | "6524890" | "6534387" | "6544902" | "6579748" | "6589855" | "6607970" | "6620731" | "6649445" | "6803303" | "6809421" | "6828175" | "6833613" | "6903442" | "6903443" | "6906418" | "6908784" | "6911355" | "6964915" | "7078266" | "7081665" | "7132731").PN. OR ("7473582").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 13:41
S115	24	("20020030245" | "20020047210" | "20020076911" | "20030080434" | "3761782" | "5229647" | "5684331" | "5828010" | "5946555" | "5946600" | "5955780" | "6114221" | "6124179" | "6271059" | "6300782" | "6303988" | "6355981" | "6433427" | "6492200" | "6586829" | "6699787" | "6703310" | "6703689" | "6908784").PN. OR ("7579671").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 13:42

S116	55	("20020020898" | "20050136646" | "5128831" | "5145099" | "5407864" | "5593927" | "5677566" | "5723904" | "5826628" | "5891797" | "5904499" | "5946553" | "5986209" | "5990566" | "6018249" | "6020624" | "6072233" | "6089920" | "6097087" | "6103547" | "6107122" | "6107679" | "6130474" | "6133622" | "6148509" | "6150710" | "6150717" | "6153924" | "6159764" | "6188232" | "6201304" | "6214716" | "6222136" | "6225689" | "6228548" | "6229202" | "6232666" | "6239489" | "6246108" | "6247629" | "6258623" | "6265766" | "6271580" | "6281042" | "6285204" | "6291894" | "6326698" | "6329222" | "6331221" | "6344976" | "6437586" | "6483044" | "6614092" | "6946727" | "RE36469").PN. OR ("7632747").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 13:42
S117	135	(S114 S115 S116) not S113	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 13:43
S118	68	("20100018236" | "5065228" | "5527741" | "5874770" | "6039889" | "6281040" | "6410937").PN. OR ("6703310").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 13:45
S119	22	("20020190371" | "6429096" | "6534874").PN. OR ("6699787").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 13:46
S120	2	("20040043615").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 13:49
S121	4	(("20020025587") or ("20010027011")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 13:50
S122	2	(10/162587).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 13:52

S123	23	(ball bump electrode) with (offset apart) with (thru trough TSV) with (hole via interconnect $3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 13:58
S124	51	(ball bump electrode) with (separat$3) with (thru trough TSV) with (hole via interconnect $3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 13:59
S125	1	(11/965157).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 14:00
S126	3	(ball bump electrode) with (thru trough TSV) with (hole via interconnect$3 wir$3) with (stress)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:02
S127	51	(ball bump electrode) with (thru trough TSV) with (hole via interconnect$3 wir$3) with (pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:03
S128	36	(thru trough TSV) with (hole via interconnect$3 wir$3) with (conductive metal$5) with (fill $3) with (extend$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:05
S129	1	(11/811660).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 14:07
S131	349864	(thru through TSV) with (silicon substrate wafer board) with (via hole opening inter$connect$4 wir$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:10
S132	5793	S131 and (seed adj layer) and (bump ball electrode stud)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:11
S133	4816	S132 and ((metal$4 conductive) with (fill$3 deposit$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:11

S134	1091	S133 and ((bump ball electrode stump) with (offset separat$3 apart))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:12
S135	359	S134 and (insulating with (hola via opening recess))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:12
S136	278	S135 and ("257"/$.ccls. "438"/$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:13
S137	132	S136 and (@pd<="20041005" @ad<="20041005" @rlad<="20041005")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:13
S138	722	(257/621).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 14:24
S139	3	S135 and S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:24
S140	90	S138 and ((bump ball electrode stump) with (offset separat$3 apart))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 14:44
S141	4	("20040137701" | "20040212086" | "20050009329" | "6844627"). PN. OR ("7416963").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 14:47
S142	2	(10/683464).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 14:49

S143	24	("20010014524" | "20020000673" | "20020019069" | "20020038890" | "20020047210" | "20020098619" | "20030186486" | "20040018712" | "5024966" | "5229647" | "5973396" | "6020217" | "6025995" | "6130111" | "6294837" | "6355981" | "6392290" | "6400008" | "6479900" | "6577013" | "6800930" | "6861745" | "6908845").PN. OR ("7622810").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 14:50
S144	10	("5552341" | "6518648" | "6570252" | "6617689" | "6624516" | "6639319" | "6649465" | "6674170" | "6693356").PN. OR ("6844627").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 15:29
S145	2	(09/888588).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/17 15:39
S146	11	("5343064" | "6236103").PN. OR ("6590257").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 15:39
S147	37	("5976710" | "6103552" | "6111317").PN. OR ("6479900").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 15:54
S148	87	S141 S142 S143 S144 S145 S146 S147	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/17 15:56
S149	5	("5343064" | "6236103" | "6590257").PN. OR ("6750125").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/17 16:00
S150	2	("20030222350").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/20 11:14
S151	0	(56/324268).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/20 11:15
S152	2	("5634268").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/20 11:15
S153	2	("20040040149").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/20 11:16

S154	518	(CTE TCE) with (mismatch$3) with (ball bump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/20 11:26
S155	9	S154 with (via hole recess)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/20 11:27
S156	33	S154 same (via hole recess)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/20 11:28
S157	2	(09/870710).APP.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/09/20 11:41
S158	45	("4696885" | "4984358" | "5229647" | "5548118" | "5926951" | "5949140" | "6150188" | "6222276" | "6225651" | "6404061").PN. OR ("6720661").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/20 11:42

EAST Search History (Interference)

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